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July 14, 2000

Attorney Docket No.: 05770-132001

Box Patent Application
Commissioner for Patents
Washington, DC 20231

Presented for filing is a new patent application claiming priority from a provisional patent application of:

Applicant: LESLIE G. FRITZEMEIER, CORNELIS LEO HANS THIEME,
STEVEN FLESHLER, JOHN D. SCUDIERE, GREGORY L.
SNITCHLER, BRUCE B. GAMBLE, ROBERT E. SCHWALL,
DINGAN YU, ALEXANDER OTTO AND ELLIOTT D. THOMPSON

Title: ENHANCED HIGH TEMPERATURE COATED
SUPERCONDUCTORS

Enclosed are the following papers, including those required to receive a filing date under 37 CFR 1.53(b):

	Pages
Specification	34
Claims	4
Abstract	1
Declaration	[3 unsigned]
Drawing(s)	5

Enclosures:
— Postcard.

Under 35 USC §119(e)(1), this application claims the benefit of prior U.S. provisional application 60/145,468, filed July 23, 1999.

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EE647282800US

I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit July 14, 2000

Signature *Peter F. Consoli*

Typed or Printed Name of Person Signing Certificate
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Page 2

Basic filing fee	\$690
Total claims in excess of 20 times \$18	\$234
Independent claims in excess of 3 times \$78	\$0
Fee for multiple dependent claims	\$0
Total filing fee:	\$924

A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

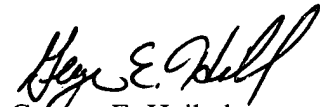
If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (617) 542-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

GARY A. WALPERT
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Respectfully submitted,



George E. Heibel

Reg. No. 42,648

Enclosures

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